

ABSTRACT OF THE DISCLOSURE

A transmission-roller supporting mechanism on a transmission apparatus of a wedge roller type is provided with: an
5 input roller; an output ring; three transmission rollers in an
unequally-spaced space generated between the input roller and the
output ring; and a support roller. At least one of the three
transmission rollers is not fixed in position and is regarded as a
movable roller supported by the support roller with its position fixed
10 or movable. The rollers become out of contact with each other by
moving the position of the support roller. The transmission of
torque is cut off by moving the movable roller by the support roller.
Alternatively, two transmission rollers are supported by the support
roller. The two movable rollers select and play the roles of a fixed
15 roller and a wedge roller, which causes the transmission of two-way
torque.